

## Restoration (FINAL)

FOR OFFICE USE ONLY:

Version # \_\_\_\_\_

APP # 700439

### A. List of Restoration Activities

The Kern River Ranger District is proposing two projects for restoration funding: the Lower Kern Restoration Project and the Woodward Peak Restoration Project. The first project proposes to restore areas in Black Gulch North, Black Gulch South, and China Gardens dispersed recreation areas located in the Lower Kern Canyon where the proliferation and expansion of unauthorized routes has resulted in significant impacts to sensitive resources. The project is intended to reduce impacts to soils, vegetation, and water quality and would additionally protect other resource values such as sensitive plants and cultural resources. Proposed activities would decommission approximately 38 unauthorized routes by scarifying, cross-ripping, installing water bars, and potentially planting native vegetation along route prisms. More routes may be identified for possible restoration based on ground observation. Additionally, some hard barricades, such as boulders and/or fences may be constructed to limit vehicular access to closed routes. Restoration activities would include installing barriers (fencing and pipe gates), and placing boulders to protect restored areas and areas where trespass has been an ongoing problem, re-contouring affected areas, installing water bars, as needed, breaking up compacted soils, and vertical mulching with native materials, to restore these areas to natural conditions. Native vegetation and "green" building products (with recycled content) would be an important element of this project. Other activities include installing one-mile of fencing along both sides of Black Gulch Creek to protect the riparian corridor. Restoration work would be completed with a D-6 contract dozer, a small trail dozer (which would be purchased as part of this project funding), by hand using conventional hand tools with volunteers and a restoration trail crew. Beyond addressing public vehicle use, the project proposes decommissioning unauthorized routes on portions of Forest Road 27S37 and restoration work on Forest Road 27S37A at China Garden (Dozer and small trail dozer) to restore a trail from the dirt parking area down to the river. In addition, activities include installation of a gate on Forest Road 27S30A where it cross through Black Gulch Creek. This road provides access to an active mining claim and will only be available for administrative use (e.g. agency employees and the mining claimant). This project focuses on routes and areas where route designation decisions have been completed and proposed activities will be consistent with the Sequoia National Forest Motorized Travel Management Plan. One of the goals of this project is to use restoration efforts to disguise unauthorized user routes and discourage the creation of new user-created routes. In addition, barriers and signage will be installed to discourage further route proliferation. The second project proposes to implement provisions in the Travel Management Plan for the protection of sensitive resources in the area of Evans Flat Campground. The project centers around relocating two campsites in the Campground and restoring their original location. Restoration efforts would include removing picnic tables and fire rings. The road that currently accesses these sites will be decommissioned and the cattle guard removed. A pipe gate would be installed to eliminate public access to the restored area. Planning would be completed for both these projects prior to any on-the-ground implementation efforts, and would include a full environmental analysis and detailed project design. Part of the planning effort will include the analysis to reroute approximately two miles of the Kern Canyon Trail (31E75) and approximately one mile of the Woodward Peak Trail (32E53) to protect sensitive resources. These planning efforts would include conducting site visits and field surveys to develop the proposed action, engaging the public in the proposed restoration efforts, completing specialists reports, and completing the NEPA analysis and documentation. The Forest would contract the NEPA planning for the environmental analysis. Following project implementation, the project areas will be patrolled to monitor effectiveness. Additionally, the project area will be monitored to identify impacts to and recovery of sensitive resources to assess the effectiveness of restoration measures.

### B. Describe how the proposed Project relates to OHV Recreation and how OHV Recreation caused the damage:

Roads and trails, like any ground-disturbance, can threaten natural and cultural resources. OHV routes, particularly unplanned, user-created routes that by definition lack engineering, create opportunities for erosion by channeling runoff and introducing sediments to riparian areas. Aquatic species are among the first natural resources to be impacted by OHV use. Unplanned erosion can damage or destroy cultural resources, both through down-cutting and by exposing these resources to the public eye. Dust raised by OHVs can accumulate over time into significant deposits, obscuring or damaging resources. The proliferation of routes increases the risk posed by human activities to threatened and

endangered species, (e.g. to nesting patterns) as well as to cultural resources (e.g. looting). Prior to the Motorized Travel Management Project, cross-country OHV use was legal within many areas of the Sequoia including the project areas described above. Such unmanaged use has resulted in extensive, ongoing route proliferation and consequent degradation of habitat and impacts to cultural resources. Conflicts among OHV users and the non-motorized public are a consequence of unmanaged use. Within the Black Gulch North/South Project Area, route proliferation has increased with new routes being discovered weekly. Hill climbs have created massive scars on the landscape and introduced sediment into sensitive riparian areas. With the proximity of the area to the Kern River and to historic Keyesville, cultural resources have been impacted, both directly in terms of erosion and soil compaction, and indirectly in terms of erosion to the measures of site integrity such as setting, and location used by the National Register of Historic Places. In the China Gardens area, unauthorized user created routes and cross-country travel are impacting natural and cultural resources. In the Woodward Peak area, OHVs on the Woodward Peak Trail are directly impacting a variety of non-renewable resources located along the east fork of Greenhorn Creek. The combination of decommissioning and restoring user-created routes will provide a foundation for a safe, responsible, and well-managed OHV program that focuses on providing a quality OHV recreation experience while minimizing impacts to natural resources. The combination of natural and cultural resources in the project areas are unique in the Sierra Nevada, and as such, restoring the natural environment and launching sustainable OHV use is one of the highest priorities for the Sequoia. Additionally, the restoration work will implement provisions in the Sequoia National Forest Motorized Travel Management Final Environmental Impact Statement (EIS) and Record of Decision signed in December 2009.

#### **C. Describe the size of the specific Project Area(s) in acres and/or miles**

There are two key project area locations: Lower Kern River Canyon and Woodward Peak in the Greenhorn Mountains.

##### **Project Area 1:**

Black Gulch North and Black Gulch South; these are popular year-round dispersed camping areas that access the Kern Canyon OHV Trail. The project area is located in the lower Kern River Canyon approximately two miles southwest of the community of Lake Isabella. The project area encompasses approximately 800 acres. The following unauthorized routes have thus far been identified for decommissioning and restoration: Black Gulch North - approximately 26 unauthorized routes would be restored including: U01237, U01239, U01192, U01236, U01187, U01214, U01215, U01216, U01217, U01220, U01179, U01170, U01187, U01213, U01172, U01190, U01191, U01173, U01169, U01168, U01167, U01211, U01208, U01207, U01238, and U01165; Black Gulch South - approximately 9 unauthorized routes would be restored including: U01221, U01222, U01177, U01174, U01180, U01181, U01182, U01219, and U01178;

The proposed China Garden project area is approximately 15 acres in size. It is located in the Lower Kern River Canyon approximately six miles west of Black Gulch off Highway 178. Two unauthorized routes have been identified for decommissioning or restoration including: U01061 and U01059. The project includes restoration work on unauthorized routes along FS 27S37, FS27S37A, and efforts to restore a 3/4 mile portion of the Patch Corner Trail. Approximately 37 trails for a total of approximately 7.128 miles, are proposed for restoration.

Project Area 2: Evans Flat Campground is located in the Woodward Peak area off Rancheria Road in the Greenhorn Mountains west of Lake Isabella. The Campground provides 20 campsites with picnic tables, fire rings, and a vault toilet. The campground is popular with OHV riders for it provides a central location from which a tremendous variety of travel system routes can be accessed. The restoration work would relocate two campsites in the Campground to protect sensitive resources. The Woodward Peak Trail is an important component of the travel system for it provides OHVs the ability to access the larger system of OHV trails without riding on Rancheria Road which is open only to highway legal vehicles. Following the environmental analysis to complete the reroute, the earlier alignment of the trail will need to be decommissioned and restored. Evans Flat Campground: Relocate two campsites and decommission approximately 1/8 mile of road. Total trail length is 3.7 miles.

#### **D. Monitoring and Methodology**

Monitoring would be conducted by OHV personnel and recreation specialists on a routine basis to determine the effectiveness of the project. Personnel would document ongoing impacts (e.g. evidence of motorized vehicle incursions such as tire tracks, reports from the public, or actual first-hand observations of illegal OHV use) as well as the effectiveness

of restoration efforts. If cross-country OHV use is still occurring, or if restoration areas are observed to require additional treatment, further restoration work and resource protection measures would be implemented, incorporating appropriate strategies to eliminate unauthorized OHV use. To maintain a successive outcome of the Restoration Project, increased use of OHV patrols with citation authority will assist with protection measures and ensure greater compliance.

Photo point monitoring and observations would be regularly conducted to determine if soil and vegetation conditions have improved. Photo points would be established prior to the implementation of project activities. Pre-and post-project photos and observations would document bare soil, erosion, and vegetation conditions. These photo points and observations would determine if vegetative cover is increasing as a result of project activities. The project areas would be routinely patrolled with formal site visits occurring weekly for the first two years following implementation.

#### **E. List of Reports**

Environmental Planning would be conducted prior to implementation of the proposed project. The following documents would be produced from this planning effort, and would be part of the project file: Lower Kern/Woodward Peak Environmental Assessment (EA). Supporting documentation would include: Biological Assessment (Wildlife and Botany), Noxious Weed Risk Assessment, Watershed Report for Best Management Practices, and preparation of two Archaeological Reconnaissance Reports including Archaeological Site Records for any cultural resources identified in the two project areas.

The EA will include a description of the purpose and need for the project, a discussion of the proposed action, and an environmental analysis of the proposed action, of the no-action alternative, and of any other alternatives generated as a result of the public comment period.

Monitoring Report would include photo points and documented observations for pre-project monitoring, implementation, and post-project monitoring information. The monitoring report would also serve as an accomplishment report, and would describe the work was completed.

#### **F. Goals, Objectives and Methodology / Peer Reviews**

#### **G. Plan for Protection of Restored Area**

The proposed project areas would be an area for critical focus by OHV patrols, Forest Protection Officers, and Forest Law Enforcement Officers. The project area contains Sensitive Areas including riparian, wetlands, Fisher Conservation Areas, Old Forest Emphasis Areas, Condor Roost Areas, Goshawk and Spotted Owl PACs. Federally listed Threatened and Endangered Species include California Condor, Elderberry Long Horned Beetle, and Least's Bell's Vireo. Other special-status species include Northern Goshawk, Pacific Fisher, American Marten, Breckenridge Slender Salamander, Peregrine Falcon, Bald Eagle, and Kern Canyon Slender Salamander. Signage, barriers, and restoration work would ensure further protection for these species. Utilizing OHV patrols, FPOs and law enforcement personnel for public contacts purposes would additionally be an important part of the ongoing monitoring, education and enforcement efforts for managing motorized recreation including OHVs. Those restoration areas, located in highly visible areas, would be patrolled regularly throughout high use periods. Barriers would be installed to keep motorized vehicles out of closed or restored areas. Signage would be installed and regularly maintained to insure protection of the restored areas. Monitoring would be conducted by OHV personnel and resource specialists on a routine basis to determine the effectiveness of the project. Personnel would document ongoing impacts, as well as the effectiveness of the restoration efforts. If cross-country OHV use is still occurring or if restoration areas are observed to require additional treatment, further restoration work and resource protection measures would be implemented.

## Additional Documentation

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**1. Project-Specific Maps**

Attachments:

[Evans Flat](#)

[China Gardens](#)

[Black Gulch North & South](#)

**2. Project-Specific Photos**

Attachments:

[Black Gulch Site Photos](#)

[Kern Canyon Trail Photos](#)

## Project Cost Estimate

FOR OFFICE USE ONLY:		Version # _____	APP # _____
<b>APPLICANT NAME :</b>	USFS - Sequoia National Forest		
<b>PROJECT TITLE :</b>	Restoration (FINAL)	<b>PROJECT NUMBER (Division use only) :</b>	G09-02-15-R01
<b>PROJECT TYPE :</b>	<input type="checkbox"/> Acquisition <input type="checkbox"/> Development <input type="checkbox"/> Education & Safety <input type="checkbox"/> Ground Operations <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Planning <input checked="" type="checkbox"/> Restoration		
<b>PROJECT DESCRIPTION :</b>	<p>The Kern River Ranger District is proposing two projects for restoration funding: the Lower Kern Restoration Project and the Woodward Peak Restoration Project. The first project proposes to restore areas in Black Gulch North, Black Gulch South, and China Gardens dispersed recreation areas located in the Lower Kern Canyon where the proliferation and expansion of unauthorized routes has resulted in significant impacts to sensitive resources. The project is intended to reduce impacts to soils, vegetation, and water quality and would additionally protect other resource values such as sensitive plants and cultural resources. Proposed activities would decommission approximately 38 unauthorized routes by scarifying, cross-ripping, installing water bars, and potentially planting native vegetation along route prisms. More routes may be identified for possible restoration based on ground observation. Additionally, some hard barricades, such as boulders and/or fences may be constructed to limit vehicular access to closed routes. Restoration activities would include installing barriers (fencing and pipe gates), and placing boulders to protect restored areas and areas where trespass has been an ongoing problem, re-contouring affected areas, installing water bars, as needed, breaking up compacted soils, and vertical mulching with native materials, to restore these areas to natural conditions. Native vegetation and "green" building products (with recycled content) would be an important element of this project. Other activities include installing one-mile of fencing along both sides of Black Gulch Creek to protect the riparian corridor. Restoration work would be completed with a D-6 contract dozer, a small trail dozer (which would be purchased as part of this project funding), by hand using conventional hand tools with volunteers and a restoration trail crew. Beyond addressing public vehicle use, the project proposes decommissioning unauthorized routes on portions of Forest Road 27S37 and restoration work on Forest Road 27S37A at China Garden (Dozer and small trail dozer) to restore a trail from the dirt parking area down to the river. In addition, activities include installation of a gate on Forest Road 27S30A where it cross through Black Gulch Creek. This road provides access to an active mining claim and will only be available for administrative use (e.g. agency employees and the mining claimant). This project focuses on routes and areas where route designation decisions have been completed and proposed activities will be consistent with the Sequoia National Forest Motorized Travel Management Plan. One of the goals of this project is to use restoration efforts to disguise unauthorized user routes and discourage the creation of new user-created routes. In addition, barriers and signage will be installed to discourage further route proliferation. The second project proposes to implement provisions in the Travel Management Plan for the protection of sensitive resources in the area of Evans Flat Campground. The project centers around relocating two campsites in the Campground and restoring their original location. Restoration efforts would include removing picnic tables and fire rings. The road that currently accesses these sites will be decommissioned and the cattle guard removed. A pipe gate would be installed to eliminate public access to the restored area. Planning would be completed for both these projects prior to any on-the-ground implementation efforts, and would include a full environmental analysis and detailed project design. Part of the planning effort will include the analysis to reroute approximately two miles of the Kern Canyon Trail (31E75) and approximately one mile of the Woodward Peak Trail (32E53) to protect sensitive resources. These planning efforts would include conducting site visits and field surveys to develop the proposed action, engaging the public in the proposed restoration efforts, completing specialists reports, and completing the NEPA analysis and documentation. The Forest would contract the NEPA planning for the environmental analysis. Following project implementation, the project areas will be patrolled to monitor effectiveness. Additionally, the project area will be monitored to identify impacts to and recovery of sensitive resources to assess the effectiveness of restoration measures.</p>		

Project Cost Estimate for Grants and Cooperative Agreements Program - 2009/2010  
Agency: USFS - Sequoia National Forest  
Application: Restoration (FINAL)

3/1/2010

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
<b>DIRECT EXPENSES</b>							
<b>Program Expenses</b>							
<b>1</b>	<b>Staff</b>						
	Archeologist Notes : Kern River, GS 11; Provide oversight and supervision for cultural resources personnel. Provide cultural resource input to NEPA planning efforts.	15.000	337.000	DAY	0.00	5,055.00	5,055.00
	Other-Wildlife Biologist Notes : Kern River, GS 11; Wildlife input to NEPA planning efforts.	15.000	375.000	DAY	0.00	5,625.00	5,625.00
	Archeologist Notes : Forest Archaeologist, GS 12; Coordination with State Historic Preservation Officer.	15.000	400.000	DAY	0.00	6,000.00	6,000.00
	Other-Rec Manager Notes : Kern River GS-11	15.000	304.000	DAY	0.00	4,560.00	4,560.00
	Other-Asst Rec Manager Notes : Kern River GS 7; project coordinator for restoration work.	20.000	270.000	DAY	0.00	5,400.00	5,400.00
	Archeologist Notes : Kern River GS 7; supervisor for archaeological survey work	60.000	270.000	DAY	16,200.00	0.00	16,200.00
	Other-Hydrologist Notes : Kern River GS 9; hydrology input to NEPA planning efforts	10.000	263.000	DAY	2,630.00	0.00	2,630.00
	Botanist Notes : Forest Botanist; botany input to NEPA planning efforts.	10.000	320.000	DAY	0.00	3,200.00	3,200.00
	Other-Teams Arch Crew Notes : Kern River, GS-5 (2) at 20 days each; conduct field arch surveys.	40.000	256.000	DAY	10,240.00	0.00	10,240.00
	Other-Crew Leader Notes : Restoration Crew Leader, GS 7	60.000	270.000	DAY	16,200.00	0.00	16,200.00

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Line Item	Qty	Rate	UOM	Grant Request	Match	Total
Other-Restoration Crew Notes : Kern River - GS 5, Restoration crew person; 60 days	60.000	128.000	DAY	7,680.00	0.00	7,680.00
Other-Restoration Crew Notes : Kern River - (3) person, Restoration Crew, GS-3 for 60 days each.	180.000	104.000	DAY	18,720.00	0.00	18,720.00
Other-Equipment Operator Notes : Equipment Operator for Dozer & small trail tractor for implementation of restoration activities.	80.000	350.000	DAY	20,880.00	7,120.00	28,000.00
Other-Asst Forest Rec Off Notes : Supervisor's Office, GS-12	15.000	320.000	DAY	0.00	4,800.00	4,800.00
Other-Volunteer Support Notes : Kern River - (10) person Volunteer restoration trail crew; 20 days	20.000	1215.000	DAY	0.00	24,300.00	24,300.00
Other-District Ranger Notes : Kern River District Ranger GS 13	5.000	480.000	DAY	0.00	2,400.00	2,400.00
Other-GIS Specialist Notes : Supervisor's Office GS 9	10.000	325.000	DAY	0.00	3,250.00	3,250.00
Other-Public Affairs Officer Notes : Supervisors Office, GS 13	10.000	400.000	DAY	0.00	4,000.00	4,000.00
Other-District PAO Notes : Kern River, GS 9/11	20.000	325.000	DAY	0.00	6,500.00	6,500.00
Other-Recreation Officer Notes : Kern River, District Recreation Officer, GS 9	10.000	325.000	DAY	0.00	3,250.00	3,250.00
Other-Range Program Mgr Notes : Kern River - District Range Officer, GS 11; coordinator for fencing project.	10.000	375.000	DAY	0.00	3,750.00	3,750.00
Other-Forest Hydrologist	10.000	400.000	DAY	0.00	4,000.00	4,000.00

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	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Notes : SO - Forest Hydrologist, GS 12						
	Other-Forestry Tech/FPO Notes : Kern River - GS-7 Fire Prevention Technician/FPO	25.000	270.000	DAY	0.00	6,750.00	6,750.00
	Other-Forestry Tech/FPO Notes : Kern River - Fire Prevention Tech/FPO	20.000	270.000	DAY	0.00	5,400.00	5,400.00
	Other-Kern River LEO Notes : Kern River - GS 9	20.000	320.000	DAY	0.00	6,400.00	6,400.00
	<b>Total for Staff</b>				92,550.00	111,760.00	204,310.00
<b>2</b>	<b>Contracts</b>						
	Other-IDT Teams Notes : Contract TEAMS - IDT Team for NEPA planning.	1.000	83000.000	EA	83,000.00	0.00	83,000.00
<b>3</b>	<b>Materials / Supplies</b>						
	Other-Tools Notes : Post hole diggers, carsonite sign installer, shovels, pulaskis, rock bars, wheel barrows, rakes, fence posts, etc.	1.000	2000.000	MISC	1,500.00	500.00	2,000.00
	Other-Protective Equipment Notes : Gloves, goggles, hardhats, chaps, backpacks, first-aid kits, etc.	1.000	3500.000	MISC	2,500.00	1,000.00	3,500.00
	Other-Gates & Supplies Notes : Kern River - (2) gates & installation material; Black Gulch Creek & Evans Flat Campground	2.000	500.000	EA	1,000.00	0.00	1,000.00
	Other-Rice Straw Notes : Kern River - Weed Free, straw bales	150.000	20.000	EA	3,000.00	0.00	3,000.00
	Other-Fencing Notes : Kern River - Donated fencing to provide (2) miles total of fencing; place 1 mile on either side of Black Gulch Creek for restoration.	2.000	2000.000	EA	0.00	4,000.00	4,000.00



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3/1/2010

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	<b>Total for Materials / Supplies</b>				8,000.00	5,500.00	13,500.00
<b>4</b>	<b>Equipment Use Expenses</b>						
	Other-OHV Equipment Mtn Notes : Minor OHV equipment maintenance, tires	1.000	5000.000	MISC	5,000.00	0.00	5,000.00
	Other-Mileage #2138 Notes : Kern River - Vehicle 2138 Trail Crew	2000.000	0.420	MI	840.00	0.00	840.00
	Other-Mileage #2807 Notes : Kern River - Vehicle #4406, GS 7	2000.000	0.360	MI	720.00	0.00	720.00
	Other-Mileage #3770 Notes : Kern River, GS-9 Hydrologist	1000.000	0.340	MI	340.00	0.00	340.00
	Other-Mileage #2809 Notes : Kern River - Range Officer Vehicle #2809; Vehicle is a one-ton truck used for hauling stock trailer, as such, \$.64/mile is actual cost per mile.	1000.000	0.640	MI	0.00	640.00	640.00
	Other-Mileage Patrol 47 Notes : Kern River - Democrat FPT/FPO Vehicle #	5000.000	0.480	MI	0.00	2,400.00	2,400.00
	Other-Mileage Patrol 49 Notes : Kern River - Summit FPT/FPO Vehicle #	5000.000	0.480	MI	0.00	2,400.00	2,400.00
	Other-Mileage #1260 Notes : Kern River - Ecosystem Vehicle #1260	1000.000	0.360	MI	0.00	360.00	360.00
	Other-FOR Vehicle 2807 Notes : Kern River GS 7	2.000	266.000	MOS	532.00	0.00	532.00
	Other-FOR Vehicle 2138 Notes : Kern River Vehicle 2138 - Restoration Trail Crew	2.000	376.000	MOS	752.00	0.00	752.00
	<b>Total for Equipment Use Expenses</b>				8,184.00	5,800.00	13,984.00
<b>5</b>	<b>Equipment Purchases</b>						

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	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Other-Trail Tractor Notes : Kern River - SWECO or Kubota type tractor for performing restoration projects, including Crawler, Air Compressor, Winch, & Back-up Alarm.	1.000	97475.000	EA	97,475.00	0.00	97,475.00
	Other-Tractor Trailer Notes : Trailer for transporting tractor. Cost item was based on quote from Trail Construction Equipment & Tools Company. Item needed to move trail tractor to and from various restoration project locations.	1.000	9800.000	EA	9,800.00	0.00	9,800.00
	<b>Total for Equipment Purchases</b>				107,275.00	0.00	107,275.00
<b>6</b>	<b>Others</b>						
	Other-Training Notes : Kern River - Trainer costs to train restoration crew and volunteers on the operation and use of Kubota/Trail Tractor	6.000	100.000	EA	600.00	0.00	600.00
<b>7</b>	<b>Indirect Costs</b>						
<b>Total Program Expenses</b>					299,609.00	123,060.00	422,669.00
<b>TOTAL DIRECT EXPENSES</b>					299,609.00	123,060.00	422,669.00
<b>TOTAL EXPENDITURES</b>					<b>299,609.00</b>	<b>123,060.00</b>	<b>422,669.00</b>

Project Cost Summary for Grants and Cooperative Agreements Program - 2009/2010  
 Agency: USFS - Sequoia National Forest  
 Application: Restoration (FINAL)

3/1/2010

	Line Item	Grant Request	Match	Total	Narrative
<b>DIRECT EXPENSES</b>					
<b>Program Expenses</b>					
1	Staff	92,550.00	111,760.00	204,310.00	
2	Contracts	83,000.00	0.00	83,000.00	
3	Materials / Supplies	8,000.00	5,500.00	13,500.00	
4	Equipment Use Expenses	8,184.00	5,800.00	13,984.00	
5	Equipment Purchases	107,275.00	0.00	107,275.00	
6	Others	600.00	0.00	600.00	
7	Indirect Costs	0.00	0.00	0.00	
<b>Total Program Expenses</b>		299,609.00	123,060.00	422,669.00	
<b>TOTAL DIRECT EXPENSES</b>		299,609.00	123,060.00	422,669.00	
<b>TOTAL EXPENDITURES</b>		<b>299,609.00</b>	<b>123,060.00</b>	<b>422,669.00</b>	

## Environmental Review Data Sheet (ERDS)

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### ITEM 1 and ITEM 2

#### ITEM 1

- a. ITEM 1 - Has a CEQA Notice of Determination (NOD) been filed for the Project? ☐ Yes ☒ No  
(Please select Yes or No)

#### ITEM 2

- b. Does the proposed Project include a request for funding for CEQA and/or NEPA document preparation prior to implementing the remaining Project Deliverables (i.e., is it a two-phased Project pursuant to Section 4970.06.1(b)) (Please select Yes or No) ☒ Yes ☐ No

### ITEM 3 - Project under CEQA Guidelines Section 15378

- c. ITEM 3 - Are the proposed activities a "Project" under CEQA Guidelines Section 15378? ☐ Yes ☒ No  
(Please select Yes or No)
- d. The Application is requesting funds solely for personnel and support to enforce OHV laws and ensure public safety. These activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. (Please select Yes or No) ☐ Yes ☒ No
- e. Other. Explain why proposed activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. DO NOT complete ITEMS 4 – 10

### ITEM 4 - Impact of this Project on Wetlands

### ITEM 5 - Cumulative Impacts of this Project

### ITEM 6 - Soil Impacts

### ITEM 7 - Damage to Scenic Resources

### ITEM 8 - Hazardous Materials

Is the proposed Project Area located on a site included on any list compiled pursuant to Section 65962.5 of the California Government Code (hazardous materials)? (Please select Yes or No) ☐ Yes ☒ No

If YES, describe the location of the hazard relative to the Project site, the level of hazard and the measures to be taken to minimize or avoid the hazards.

### ITEM 9 - Potential for Adverse Impacts to Historical or Cultural Resources

Would the proposed Project have potential for any substantial adverse impacts to historical or cultural resources? (Please select Yes or No) ☐ Yes ☒ No

Discuss the potential for the proposed Project to have any substantial adverse impacts to historical or cultural resources.

### ITEM 10 - Indirect Significant Impacts

**CEQA/NEPA Attachment**

## Evaluation Criteria

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### 1. Project Cost Estimate - Q 1. (Auto populates from Cost Estimate)

1. As calculated on the Project Cost Estimate, the percentage of the Project costs covered by the Applicant is: 3

(Note: This field will auto-populate once the Cost Estimate and Evaluation Criteria are Validated.) (Please select one from list)

- ☐ 76% or more (10 points)  
☐ 51% - 75% (5 points)  
☒ 26% - 50% (3 points)  
☐ 25% (Match minimum) (No points)

### 2. Natural and Cultural Resources - Q 2.

2. Natural and Cultural Resources - Failure to fund the Project will result in adverse impacts to: 27

(Check all that apply) (Please select applicable values)

- ☒ Domestic water supply (4 points)  
☒ Archeological and historical resources identified in the California Register of Historical Resources or the Federal Register of Historic Places (3 points )  
☒ Stream or other watercourse (3 points)  
☒ Soils - Site actively eroding (2 points)  
☒ Sensitive areas (e.g., wilderness, riparian, wetlands, ACEC) (2 point each, up to a maximum of 6) Enter number of sensitive habitats [6]  
☒ Threatened and Endangered (T&E) listed species (2 point each, up to a maximum of 6) Enter number of T&E species [6]  
☒ Other special-status species- Number of special-status species (1 point each, up to a maximum of 3) Enter number of special-status species [4]

Describe the type and severity of impacts that might occur relative to the checked item(s):

Restoration activities would improve habitat for these natural and cultural resources by reducing route proliferation, reducing impacts to riparian areas, preventing loss of habitat, and improving watershed & vegetation conditions. There are many federal and state listed species, such as the California condor, Pacific fisher, Shirley Meadow star-tulip, California spotted owl, & Kern Canyon slender salamander, whose habitat is being impacted due to unauthorized OHV use. Revegetation will stabilize soils through root formation and the dissipation of rain splash. As the lower Kern River contributes to the water supply of downstream communities in the Bakersfield area, improving the watershed will have a positive impact. The purpose of this undertaking is to evaluate the archaeological and historical significance for properties to be eligible for National Register listing as allowed under 36 CFR 800.4(c)(1).

### 3. Reason for Project - Q 3.

3. Reason for the Project 4

(Check the one most appropriate) (Please select one from list)

- ☒ Protect special-status species or cultural site (4 points)  
☐ Restore natural resource system damaged by OHV activity (4 points)  
☐ OHV activity in a closed area (3 points)  
☐ Alternative measures attempted, but failed (2 points)  
☐ Management decision (1 point)

- ☐ Scientific and cultural studies (1 point)
- ☐ Planning efforts associated with Restoration (1 point)

Reference Document

Sequoia National Forest Motorized Travel Management Final Environmental Impact Statement and Record of Decision; Sierra Nevada Forest Plan Amendment, Sequoia National Forest Land and Resource Management Plan, and Mediated Settlement.

**4. Measures to Ensure Success - Q 4.**

4. Measures to ensure success –The Project makes use of the following elements to ensure successful implementation 12

(Check all that apply) Scoring: 2 points each (Please select applicable values)

- ☒ Site monitoring to prevent additional damage
- ☒ Construction of barriers and other traffic control devices
- ☒ Use of native plants and materials
- ☒ Incorporation of universally recognized 'Best Management Practices'
- ☒ Educational signage
- ☒ Identification of alternate OHV routes to ensure that OHV activities will not reoccur in restored area

Explain each item checked above:

Native plant material will be used to disguise unauthorized routes & encourage re-vegetation of native species. For routes where restoration measures are not sufficient to discourage OHV trespass, barriers, signs, and other traffic control devices will be installed to prevent OHV trespass. Post-implementation monitoring will be conducted to assess restoration & control measures in terms of discouraging route proliferation. An important product of monitoring will be data generated regarding the success of restoration efforts. Monitoring data will additionally be used to craft additional restoration & control measures. The project incorporates planning to reroute a portion of Kern Canyon & Woodward Peak OHV trails to ensure OHV activities will not reoccur in restored areas. Best Management Practices will be utilized in the proposed project area. Directional & regulatory signs will be installed to educate OHV users and identify alternate OHV routes to ensure OHV activities will not reoccur in restored areas.

**5. Publicly Reviewed Plan - Q 5.**

5. Is there a publicly reviewed and adopted plan (e.g., wilderness designation, land management plans, route designation decisions) that supports the need for the Restoration Project? 5

(Check the one most appropriate) (Please select one from list)

- ☐ No (No points)
- ☒ Yes (5 points)

Identify plan

Sequoia National Forest Motorized Travel Management Final Environmental Impact Statement 2009 Record of Decision 2009; Sierra Nevada Forest Plan Amendment, Sequoia National Forest Land and Resource Management Plan, and Mediated Settlement.

**6. Primary Funding Source - Q 6.**

6. Primary funding source for future operational costs associated with the Project will be: 3

(Check the one most appropriate) (Please select one from list)

- ☐ Applicant's operational budget (5 points)
- ☒ Volunteer support and/or donations (3 points)
- ☐ Other Grant funding (2 points)
- ☐ OHV Trust Funds (No points)

If 'Operational budget' is checked, list reference document(s):

**7. Public Input - Q 7.**

7. The Project was developed with public input employing the following 2

(Check all that apply) Scoring: 1 point each, up to a maximum of 2 points (Please select applicable values)

- ☒ Publicly noticed meeting(s) with the general public to discuss Project (1 point)
- ☒ Conference call(s) with interested parties (1 point)
- ☒ Meeting(s) with stakeholders (1 point)

Explain each statement that was checked

During the scoping period for the Travel Route Management project, the proposed restoration and decommissioning projects for a variety of areas including the proposed project areas were discussed at public meetings, in conference calls with interested parties, and in meetings with various stakeholders. Additionally, the proposed projects were discussed at quarterly leadership meetings with California Off-Road Vehicle Association (CORVA), Friends of Jawbone, Stewards of the Sequoia, and other OHV partners held in the Fall 2009 and January 2010. The project was discussed in conference call with Jon Aichle, Bakersfield Trailblazers, and Chris Horgan, Stewards of the Sequoia.

**8. Utilization of Partnerships - Q 8.**

8. The Project will utilize partnerships to successfully accomplish the Project. The number of partner organizations that will participate in the Project are 4

(Check the one most appropriate) (Please select one from list)

- ☒ 4 or more (4 points)
- ☐ 2 to 3 (2 points)
- ☐ 1 (1 point)
- ☐ None (No points)

List partner organization(s):

The project will utilize partnerships with the OHV community to successfully accomplish the project. The groups include Stewards of the Sequoia, Friends of Jawbone, CORVA, Southern Sierra Fat Tire Association, Bakersfield Trail Blazers, Kern River Brewery, N2Dirt, Friends of Jawbone, Ridgecrest Gear Grinders, and Mountain and River Adventures.

**9. Scientific and Cultural Studies - Q 9.**

9. Scientific and cultural studies will 6

(Check all that apply) (Please select applicable values)

- ☒ Determine appropriate Restoration techniques (2 points)
- ☒ Examine potential effects of OHV Recreation on natural or cultural resources (2 points)
- ☒ Examine methods to ensure success of Restoration efforts (1 point)
- ☒ Lead to direct management action (1 point)

Explain each item checked above

Given the cultural resources regulatory environment within which the Forest Service must operate, a component of this project will be the resulting archaeological investigation of the project areas. Two Archaeological Reconnaissance Reports will analyze the cultural resources, identify the impacts OHV use, and make site-specific recommendations for restoration, protection (under the terms of the Travel Route Management Programmatic Agreement), and decommissioning measures. Archaeological monitoring, conducted in person and with photo points will examine the effectiveness of restoration and decommissioning efforts, identify any additional impacts from OHV use (if any) and determine if additional restoration, protection, or control measures are needed. If restoration areas are observed to require additional treatment, further restoration work and resource protection measures would be implemented.



**10. Underlying Problem - Q 10.**

10. The underlying problem that resulted in the need for the Restoration Project has been effectively addressed and resolved 3

(Check the one most appropriate) (Please select one from list)

☐ No (No points)

☒ Yes (3 points)

Explain 'Yes' answer

The underlying problem that led to the proposed restoration projects is the proliferation of unauthorized, user-created routes within these project area and the need to protect cultural and natural resources. With the completion of Motorized Travel Management project, lands administered by the Sequoia National Forest were closed to cross-country motor vehicle use, and the use of OHVs was restricted to designated routes to protect natural and cultural resources from further degradation.

**11. Size of sensitive habitats - Q 11.**

11. Size of sensitive habitats (e.g., wilderness, riparian, wetlands, ACEC) within the Project Area which will be restored 5

(Check the one most appropriate) (Please select one from list)

☒ Greater than 10 acres (5 points)

☐ 1 – 10 acres (3 points)

☐ Less than 1 acre (1 points)

☐ No sensitive habitat within Project Area (No points)